

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-2. (Cancelled)

3. (New) A radio communication method for a radio communication system employing CDMA (Code Division Multiple Access) for radio access and providing multi-rate transmission, the radio communication system including a base station controlling apparatus, a plurality of base stations, and a plurality of mobile stations, the radio communication method comprising the steps of:

informing that a first code being used by one of the plurality of mobile stations is to be switched to a second code;

transmitting timing information to the one of the plurality of mobile stations by message, said timing information including an integer representing a frame at which the first code is switched to the second code;

switching the first code to the second code at one of the plurality of mobile stations, said step of switching the first code based on the step of informing and on the transmitted timing information; and

switching a transmission code from the first code to the second code at one of the plurality of base stations in synchronization with switching the first code to the second code at the one of the plurality of mobile stations.

4. (New) A radio communication method for a radio communication system employing CDMA (Code Division Multiple Access) for radio access and providing multi-rate

transmission, the radio communication system including a base station controlling apparatus, a plurality of base stations, and a plurality of mobile stations, the radio communication method comprising the steps of:

informing that a first code being used by one of the plurality of mobile stations is to be switched to a second code;

transmitting timing information by message to the one of the plurality of mobile stations, said timing information regarding timing of switching the first code to the second code;

switching the first code to the second code at one of the plurality of mobile stations, said step of switching the first code based on the step of informing and on the transmitted timing information; and

switching a transmission code from the first code to the second code at one of the plurality of base stations, in synchronization with switching the first code to the second code at the one of the plurality of mobile stations.

5. (New) A radio communication system employing CDMA (Code Division Multiple Access) for radio access and providing multi-rate transmission, the radio communication system comprising:

a base station controlling apparatus;

a plurality of base stations; and

a plurality of mobile stations, wherein

one of the base station controlling apparatus and the plurality of base stations includes a code switch informing unit configured to inform one of the plurality of mobile stations and one of the plurality of base stations that a first code being used by one of the plurality of mobile stations is to be switched to a second code,

one of the plurality of base stations includes a timing information sending unit configured to transmit timing information to the one of the plurality of mobile stations by message, said timing information including an integer representing a frame at which the first code is switched to the second code,

the one of the plurality of mobile stations includes a code switching unit configured to switch the first code to the second code, based on the informing by the one of the plurality of base stations, and based on the timing information transmitted by the timing information sending unit, and

the one of the plurality of base stations includes a switching unit configured to switch a transmission code from the first code to the second code in synchronization with the switching of the first code to the second code at the one of the plurality of mobile stations.

6. (New) A radio communication system employing CDMA (Code Division Multiple Access) for radio access and providing multi-rate transmission, the radio communication system comprising:

a base station controlling apparatus;

a plurality of base stations; and

a plurality of mobile stations, wherein

one of the base station controlling apparatus and the plurality of base stations includes a code switch informing unit configured to inform one of the plurality of mobile stations and one of the plurality of base stations that a first code being used by one of the plurality of mobile stations is to be switched to a second code,

one of the plurality of base stations includes a timing information sending unit configured to transmit timing information by message to the one of the plurality of mobile stations, said timing information regarding timing of switching the first code to the second

code,

the one of the plurality of mobile stations includes a code switching unit configured to switch the first code to the second code, based on the informing by the one of the plurality of base stations, and based on the timing information transmitted by the timing information sending unit, and

the one of the plurality of base stations includes a switching unit configured to switch a transmission code from the first code to the second code in synchronization with the switching of the first code to the second code at the one of the plurality of mobile stations.